

WEST

L2: Entry 9 of 58

File: USPT

Aug 14, 2001

DOCUMENT-IDENTIFIER: US 6275898 B1

TITLE: Methods and structure for RAID level migration within a logical unit

Detailed Description Text (54):

When element 950 determines that the partition is now large enough to permit promotion, element 954 is operable to mark the partition as temporarily, partially unavailable or otherwise volatile. As noted above, a partition so marked as partially unavailable is carefully used by the controller for processing of I/O requests so as to cooperate with a migration process. Element 956 is then operable to reconfigure the striping of data and to generate the required mirrored data to permit the requested RAID level 1 management of the promoted partition. Those skilled in the art will recognize that the reconfigured partition may combine striping with RAID level 1 mirroring of the data.

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L1: Entry 27 of 52

File: USPT

Sep 12, 2000

DOCUMENT-IDENTIFIER: US 6118776 A

TITLE: Methods and apparatus for fiber channel interconnection of private loop devices

Detailed Description Text (33):

A "JBOD" or Just A Bunch Of Disks is a storage subsystem composed of a series of disks. A JBOD is similar to a RAID system without the RAID controller which implements the RAID striping and mirroring features.

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L1: Entry 30 of 52

File: USPT

Nov 23, 1999

DOCUMENT-IDENTIFIER: US 5991844 A

TITLE: Redundant bus bridge systems and methods using selectively synchronized clock signals

Detailed Description Text (6):

Those skilled in the art will appreciate that the present invention is generally applicable to a variety of bus bridge applications. In an embodiment of a bus bridge system 100 illustrated in FIG. 2, bus bridge connectivity is provided between a Fibre Channel (FC) host 201 connected to a FC "bus" 110, and a disk array 204 connected to a SCSI bus 120. A first circuit assembly 130 includes a first bus bridge, here a first RAID controller 140 that implements data mirroring and striping according to one or more RAID levels as described, for example, in The RAIDbook, A Source Book for Disk Array Technology, published by the RAID Advisory Board, St. Peter Minn. (1996). Similarly, a second circuit assembly 170 includes a second bus bridge, e.g., a second RAID controller 200. The first and second circuit assemblies 130, 170 are releasably connected to a backplane 230.